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* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1           Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2           "Ask CAS" for self-help around the clock
 NEWS  3  OCT 23   The Derwent World Patents Index suite of databases on STN
                   has been enhanced and reloaded
 NEWS  4  OCT 30   CHEMLIST enhanced with new search and display field
 NEWS  5  NOV 03   JAPIO enhanced with IPC 8 features and functionality
 NEWS  6  NOV 10   CA/CAplus F-Term thesaurus enhanced
 NEWS  7  NOV 10   STN Express with Discover! free maintenance release Version
                   8.01c now available
 NEWS  8  NOV 20   CA/CAplus to MARPAT accession number crossover limit increased
                   to 50,000
 NEWS  9  DEC 01   CAS REGISTRY updated with new ambiguity codes
 NEWS 10  DEC 11   CAS REGISTRY chemical nomenclature enhanced
 NEWS 11  DEC 14   WPIDS/WPINDEX/WPIX manual codes updated
 NEWS 12  DEC 14   GBFULL and FRFULL enhanced with IPC 8 features and
                   functionality
 NEWS 13  DEC 18   CA/CAplus pre-1967 chemical substance index entries enhanced
                   with preparation role
 NEWS 14  DEC 18   CA/CAplus patent kind codes updated
 NEWS 15  DEC 18   MARPAT to CA/CAplus accession number crossover limit increased
                   to 50,000
 NEWS 16  DEC 18   MEDLINE updated in preparation for 2007 reload
 NEWS 17  DEC 27   CA/CAplus enhanced with more pre-1907 records
 NEWS 18  JAN 08   CHEMLIST enhanced with New Zealand Inventory of Chemicals
 NEWS 19  JAN 16   CA/CAplus Company Name Thesaurus enhanced and reloaded
 NEWS 20  JAN 16   IPC version 2007.01 thesaurus available on STN
 NEWS 21  JAN 16   WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
 NEWS 22  JAN 22   CA/CAplus updated with revised CAS roles
 NEWS 23  JAN 22   CA/CAplus enhanced with patent applications from India
 NEWS 24  JAN 29   PHAR reloaded with new search and display fields
 NEWS 25  JAN 29   CAS Registry Number crossover limit increased to 300,000 in
                   multiple databases
 NEWS 26  FEB 13   CASREACT coverage to be extended
 NEWS 27  Feb 15   PATDPASPC enhanced with Drug Approval numbers
 NEWS 28  Feb 15   RUSSIAPAT enhanced with pre-1994 records
 NEWS 29  Feb 23   KOREAPAT enhanced with IPC 8 features and functionality
 NEWS 30  Feb 26   MEDLINE reloaded with enhancements
 NEWS 31  Feb 26   EMBASE enhanced with Clinical Trial Number field
 NEWS 32  Feb 26   TOXCENTER enhanced with reloaded MEDLINE
 NEWS 33  Feb 26   IFICDB/IFIPAT/IFIUDB reloaded with enhancements
 NEWS 34  Feb 26   CAS Registry Number crossover limit increased from 10,000
                   to 300,000 in multiple databases

 NEWS EXPRESS  NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8
 NEWS X25      X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that
specific topic.

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FILE 'HOME' ENTERED AT 17:13:21 ON 26 FEB 2007
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=> fil ca; e US-20050175910/pn
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

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FILE COVERS 1907 - 22 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 22 Feb 2007  (20070222/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.


E1            1     US2005175907/PN
E2            3     US2005175908/PN
E3            1 --> US2005175910/PN
E4            1     US2005175911/PN
E5            1     US2005175912/PN
E6            1     US2005175913/PN
E7            1     US2005175914/PN
E8            1     US2005175915/PN
E9            1     US2005175916/PN
E10           1     US2005175917/PN
E11           1     US2005175918/PN
E12           1     US2005175919/PN

=> s e3
L1            1 US2005175910/PN

=> sel rn
E1 THROUGH E5 ASSIGNED

=> fil reg; s e1-e5
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         2.45       2.66

FILE 'REGISTRY' ENTERED AT 17:13:55 ON 26 FEB 2007
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   25 FEB 2007  HIGHEST RN 923060-60-0
DICTIONARY FILE UPDATES:  25 FEB 2007  HIGHEST RN 923060-60-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

  Please note that search-term pricing does apply when
```

conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

```
              1 2082-79-3/BI
                (2082-79-3/RN)
              1 26201-32-1/BI
                (26201-32-1/RN)
              1 63371-84-6/BI
                (63371-84-6/RN)
              1 65181-78-4/BI
                (65181-78-4/RN)
              1 991-84-4/BI
                (991-84-4/RN)
L2            5 (2082-79-3/BI OR 26201-32-1/BI OR 63371-84-6/BI OR 65181-78-4/BI
                OR 991-84-4/BI)

=> d scan

L2    5 ANSWERS   REGISTRY  COPYRIGHT 2007 ACS on STN
IN    Titanium, oxo[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN3
      1,κN32]-, (SP-5-12)- (9CI)
MF    C32 H16 N8 O Ti
CI    CCS, COM
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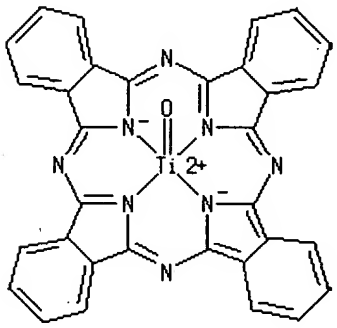

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

```
L2    5 ANSWERS   REGISTRY  COPYRIGHT 2007 ACS on STN
IN    [1,1'-Biphenyl]-4,4'-diamine, N,N'-bis(3-methylphenyl)-N,N'-diphenyl-
      (9CI)
MF    C38 H32 N2
CI    COM
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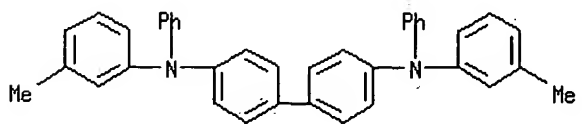
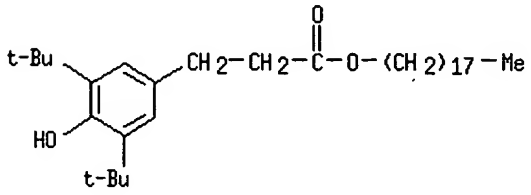


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

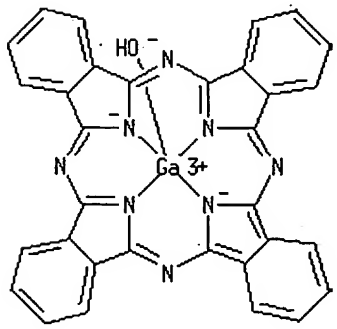
L2 5 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, octadecyl ester (9CI)
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT
MF C35 H62 O3
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

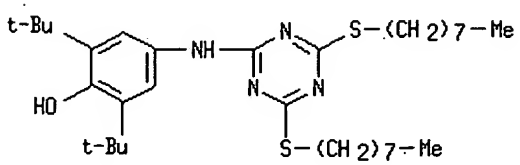
L2 5 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Gallium, hydroxy[29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,κN32]-, (SP-5-12)- (9CI)
MF C32 H17 Ga N8 O
CI CCS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L2 5 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Phenol, 4-[[4,6-bis(octylthio)-1,3,5-triazin-2-yl]amino]-2,6-bis(1,1-dimethylethyl)- (9CI)
MF C33 H56 N4 O S2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l2 and triazin
152857 TRIAZIN
L3 1 L2 AND TRIAZIN

=> fil ca; s l3

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.40	8.06

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FILE COVERS 1907 - 22 Feb 2007 VOL 146 ISS 10
FILE LAST UPDATED: 22 Feb 2007 (20070222/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

L4 422 L3

=> s (charge (w) transport?) (p) l4
486448 CHARGE
782057 TRANSPORT?
L5 11 (CHARGE (W) TRANSPORT?) (P) L4

=> d scan

L5 11 ANSWERS CA COPYRIGHT 2007 ACS on STN
IC ICM G03G005-06
ICS G03G005-06; G03G005-05
CC 74-3 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
TI Organic electrophotographic photoreceptor
ST electrophotog photoreceptor charge transport material antioxidant
IT Electrophotographic photoconductors and photoreceptors
(org. electrophotog. photoreceptor with extended service life)
IT 7616-22-0 10191-41-0
RL: MOA (Modifier or additive use); USES (Uses)
(anti-discoloration agent in charge transport layer)
IT 74-31-7 96-69-5 101-67-7 101-72-4 119-47-1 123-28-4 128-37-0, uses 489-01-0 603-35-0, Triphenylphosphine, uses 693-36-7 723-38-6 903-19-5 **991-84-4** 1038-95-5, Tri(p-tolyl)phosphine 2071-20-7, Bis(diphenylphosphino)methane 3147-75-9 3818-54-0 4595-23-7 6163-58-2, Tri(o-tolyl)phosphine 6224-63-1, Tri(m-tolyl)phosphine 6737-42-4, 1,3-Bis(diphenylphosphino)propane 10580-59-3 13348-35-1 14670-48-5 23128-74-7 31570-08-8 35074-77-2 52066-84-9 54637-02-4 63843-89-0 71656-21-8

91788-83-9 112147-65-6
RL: MOA (Modifier or additive use); USES (Uses)
(antioxidant additive to **charge transport** layer of electrophotog. photoreceptor)
IT 574-93-6, Phthalocyanine
RL: MOA (Modifier or additive use); USES (Uses)
(charge generation compd. in electrophotog. photoreceptor)
IT 122836-85-5 178496-39-4 178496-40-7
RL: MOA (Modifier or additive use); USES (Uses)
(charge transport compd. in electrophotog. photoreceptor)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L5 11 ANSWERS CA COPYRIGHT 2007 ACS on STN
CC 74-3 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
Section cross-reference(s): 38
TI Electrophotographic photoreceptor containing aromatic polyamine charge-transporting agent, process cartridge, and apparatus
ST electrophotog photoreceptor arom polyamine charge transporting agent; antioxidant photosensitive layer electrophotog photoreceptor
IT Polyamines
RL: DEV (Device component use); USES (Uses)
(arom.; electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent)
IT Electrophotographic photoconductors (photoreceptors)
(electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent)
IT Antioxidants
(electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent and antioxidant)
IT 123-28-4, Irganox PS 800FL 128-37-0, BHT, uses **991-84-4**, Irganox 565 1709-70-2, Irganox 1330 31570-04-4, Irgafos 168 35074-77-2, Irganox 259 36443-68-2, Irganox 245 63843-89-0, Tinuvin 144 65447-77-0, Tinuvin 622LD 70321-86-7, Tinuvin 234 73754-27-5, Sanol LS 2626 110553-27-0, Irganox 1520 122586-52-1, Tinuvin 123
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(antioxidant; electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine **charge-transporting** agent and antioxidant)
IT 26201-32-1, Titanylphthalocyanine 95993-65-0
RL: DEV (Device component use); USES (Uses)
(charge-generating agent; electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent and antioxidant)
IT 228718-90-9 547763-81-5 904892-12-2 904892-13-3 904892-14-4 904892-15-5 904892-16-6 904892-18-8 904892-19-9 904892-20-2 904892-21-3 904892-22-4
RL: DEV (Device component use); USES (Uses)
(electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent)
IT 904892-17-7DP, 4,4'-Dibromobiphenyl-2,4-dimethylaniline copolymer, methyl-terminated 904892-23-5P
RL: DEV (Device component use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)
(electrophotog. photoreceptor with photosensitive layer contg. arom. polyamine charge-transporting agent)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):.

L5 11 ANSWERS CA COPYRIGHT 2007 ACS on STN
IC ICM G03G005-07
ICS G03G005-05
CC 74-3 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
TI Electrophotographic photoreceptor using polyamine charge-transporting agent, process cartridge, and apparatus
ST electrophotog photoreceptor polyamine charge transporting agent; dibutyl phenol piperidine additive charge transporting layer photoreceptor
IT Polyamines
RL: DEV (Device component use); USES (Uses)

(arom.; electrophotog. photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT Electrophotographic apparatus
(electrophotog. app. using photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT Electrophotographic photoconductors (photoreceptors)
(electrophotog. photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT 73754-27-5, LS 2626
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(LS 2626; electrophotog. photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT 666175-97-9 666176-06-3 666176-07-4 666176-08-5 854512-39-3
854512-40-6 854512-41-7 854512-42-8 854512-43-9 854512-44-0
854512-45-1 854512-46-2 854512-47-3 854512-48-4 854512-49-5
854512-50-8 854512-51-9 854512-52-0 854512-53-1
RL: DEV (Device component use); USES (Uses)
(electrophotog. photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT 666175-95-7P 666175-99-1P 666176-00-7P
RL: DEV (Device component use); IMF (Industrial manufacture); PREP (Preparation); USES (Uses)
(electrophotog. photoreceptor with charge-transporting layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT 128-37-0, BHT, uses **991-84-4**, Irganox 565 1709-70-2, Irganox 1330 6683-19-8, Irganox 1010 35074-77-2, Irganox 259 41484-35-9, Irganox 1035 41556-26-7, Tinuvin 765 63843-89-0, Tinuvin 144 65447-77-0, Tinuvin 622LD 122586-52-1, Tinuvin 123
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(electrophotog. photoreceptor with **charge-transporting** layer contg. polyamine and dibutylphenol and/or piperidine additives)
IT 19616-28-5P 94026-73-0P 666176-11-0P 666176-12-1P 666176-15-4P
666176-16-5P 666176-17-6P 666176-18-7P 854512-54-2P 854512-55-3P
854512-56-4P
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of arom. polyamine charge-transporting agent)
IT 92-86-4, 4,4'-Dibromobiphenyl 95-68-1, 2,4-Dimethylphenylamine
106-38-7, 1-Bromo-4-methylbenzene 583-70-0, 1-Bromo-2,4-dimethylbenzene
10016-52-1, 2,8-Dibromodibenzofuran 31574-87-5, 2,8-Dibromodibenzothiophene 105946-82-5, 4-Bromo-4'-iodobiphenyl
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of arom. polyamine charge-transporting agent)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

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(FILE 'HOME' ENTERED AT 17:13:21 ON 26 FEB 2007)

FILE 'CA' ENTERED AT 17:13:43 ON 26 FEB 2007
E US-20050175910/PN
L1 1 S E3
SEL RN

FILE 'REGISTRY' ENTERED AT 17:13:55 ON 26 FEB 2007
L2 5 S E1-E5
L3 1 S L2 AND TRIAZIN

FILE 'CA' ENTERED AT 17:14:27 ON 26 FEB 2007
L4 422 S L3
L5 11 S (CHARGE (W) TRANSPORT?) (P) L4

=> d bib kwic 5-11

L5 ANSWER 5 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 141:251400 CA
TI Electrophotographic organic photoreceptor with charge generating and

charge transport layers
IN Ishida, Takeshi; Tokutake, Shigeaki; Inagaki, Keiichi
PA Minolta Camera Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2004251967	A	20040909	JP 2003-39553	20030218
PRAI JP 2003-39553		20030218		

IT 85-60-9, Yoshinox BB 128-37-0, Yoshinox BHT, uses **991-84-4**, Irganox 565 1709-70-2, Irganox 1330 2668-47-5 6683-19-8, Irganox 1010 23328-53-2, Tinuvin 571 27676-62-6, Irganox 3114 52829-07-9, Sanol LS 770 65447-77-0, Tinuvin 622LD 73754-27-5, Sanol LS 2626
RL: DEV (Device component use); MOA (Modifier or additive use); USES (Uses)
(antioxidant; electrophotog. photoreceptor with two **charge-transporting** layers)

L5 ANSWER 6 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 140:101977 CA
TI Photoreceptors with stable chargeability and good sensitivity manufactured by using halogen-free solvents, and electrophotographic apparatus having them
IN Aoto, Atsushi; Kimura, Michio
PA Ricoh Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 39 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2004012718	A	20040115	JP 2002-164899	20020605
PRAI JP 2002-164899		20020605		

OS MARPAT 140:101977
IT **991-84-4**
RL: DEV (Device component use); USES (Uses)
(**charge transporter**; electrophotog. photoreceptors with stable chargeability and good sensitivity manufd. by using halogen-free solvents)

L5 ANSWER 7 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 137:26079 CA
TI Electrophotographic image formation method and apparatus, and process cartridge used in the apparatus
IN Asano, Masao
PA Konica Co., Japan
SO Jpn. Kokai Tokkyo Koho, 23 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2002162762	A	20020607	JP 2000-360998	20001128
PRAI JP 2000-360998		20001128		

OS MARPAT 137:26079
IT 128-37-0, uses **991-84-4** 2082-79-3
RL: TEM (Technical or engineered material use); USES (Uses)
(antioxidant in **charge-transporting** layer; electrophotog. image formation method and app. with improved photoconductor and toners, and process cartridge used in the app.)

L5 ANSWER 8 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 133:215442 CA
TI Electrophotographic photoconductor showing excellent stable performance

during extended usage
IN Kawate, Kenji; Omokawa, Shinichi
PA Fuji Electric Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2000242008	A	20000908	JP 1999-40087	19990218
PRAI JP 1999-40087		19990218		

OS MARPAT 133:215442
IT 128-37-0, uses **991-84-4** 83454-31-3
RL: DEV (Device component use); USES (Uses)
(antioxidn. agent in **charge transport** layer of electrophotog. photoconductor showing excellent stable performance during extended usage)

L5 ANSWER 9 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 126:96909 CA
TI Electrophotographic photoconductor
IN Murakami, Osamu; Uenaka, Tooru; Sato, Terumi
PA Mitsubishi Chemical Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 29 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08292587	A	19961105	JP 1995-310821	19951129
PRAI JP 1995-35626	A	19950223		

OS MARPAT 126:96909
IT 90-66-4, Irganox 1081 91-73-6, Dibenzylaniline 103-32-2, Phenylbenzylamine 128-37-0, 3,5-Di-tert-butyl-4-hydroxytoluene, uses 620-40-6, Tribenzylamine 976-56-7, Irganox 1222 **991-84-4**, Irganox 565 1254-78-0 2082-79-3, Irganox 1076 6683-19-8, Irganox 1010 26741-53-7 31570-04-4 40074-68-8, Sanol LS 1114 80693-00-1 82537-67-5, Sanol LS 440
RL: DEV (Device component use); USES (Uses)
(antioxidn. agent; electrophotog. photoconductor contg. arylamine **charge-transporting** agents and oxidn.-preventive agents)

L5 ANSWER 10 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 125:208353 CA
TI Organic electrophotographic photoreceptor
IN Kawate, Kenji; Nabeta, Osamu
PA Fuji Electric Co Ltd, Japan
SO Jpn. Kokai Tokkyo Koho, 16 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 08160641	A	19960621	JP 1994-302578	19941207
PRAI JP 1994-302578		19941207		

IT 74-31-7 96-69-5 101-67-7 101-72-4 119-47-1 123-28-4 128-37-0, uses 489-01-0 603-35-0, Triphenylphosphine, uses 693-36-7 723-38-6 903-19-5 **991-84-4** 1038-95-5, Tri(p-tolyl)phosphine 2071-20-7, Bis(diphenylphosphino)methane 3147-75-9 3818-54-0 4595-23-7 6163-58-2, Tri(o-tolyl)phosphine 6224-63-1, Tri(m-tolyl)phosphine 6737-42-4, 1,3-Bis(diphenylphosphino)propane 10580-59-3 13348-35-1 14670-48-5 23128-74-7 31570-08-8 35074-77-2 52066-84-9 54637-02-4 63843-89-0 71656-21-8 91788-83-9 112147-65-6
RL: MOA (Modifier or additive use); USES (Uses)
(antioxidant additive to **charge transport** layer of

electrophotog. photoreceptor)

L5 ANSWER 11 OF 11 CA COPYRIGHT 2007 ACS on STN
Full Text
AN 112:129122 CA
TI Crystalline titanylphthalocyanine derivative for electrophotographic photoconductor
IN Mimura, Yoshikazu; Takano, Keiichi; Gotou, Tomohisa
PA NEC Corp., Japan
SO Eur. Pat. Appl., 19 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 337476	A2	19891018	EP 1989-106672	19890414
	EP 337476	A3	19900627		
	EP 337476	B1	19940810		
	R: BE, DE, FR, GB, IT, NL				
	JP 02028265	A	19900130	JP 1989-64801	19890315
	JP 2782765	B2	19980806		
	US 4994566	A	19910219	US 1989-339442	19890417
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	JP 11005919	A	19990112	JP 1998-32736	19980216
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IT **991-84-4** 68189-23-1, p-Diethylaminobenzaldehyde-1,1-diphenylhydrazone 76188-55-1, Poly(methylphenylsilylene) 100070-43-7 103079-11-4 125792-02-1
RL: TEM (Technical or engineered material use); USES (Uses)
(**charge-transporting** layer contg., for electrophotog. photoreceptor with charge-generating layer contg. cryst. titanylphthalocyanine deriv.)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	17.66	25.72

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Feb 23, 2007 (20070223/UP).

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FULL ESTIMATED COST	0.42	26.14

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